SPRE Marquis,

6E10

Re: 09/828,246 US 5,892,655

Attached are search results.

No litigation was found in searches of Dialog, Lexis-Nexis, and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks, Jeff Harrison 306-5429 CP4-9C18

Bates, Darcy

From:

ĺ

Sent: To:

Marquis, Lissi Wednesday, September 19, 2001 12:03 PM STIC-EIC2800 Reissue application number 09828246

- C. 100

Subject:

Please provide me with a litigation search for U.S. patent number 5892655 for the above listed Reissue application.

Thank you!

Lissi Mojica Marquis

SPRE 2800

703-308-2260

CP4 -6E10

FAX: 703-305-1034

Source: All Sources > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents

Terms: patno is 5892655 (Edit Search)

Pat. No. 5892655, *

5,892,655

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Apr. 6, 1999

Hard disk drive heat sink

REISSUE: Reissue Application filed Apr. 6, 2001 (O.G. Jul. 10, 2001) Ex. Gp.: 2835; Re. S.N.

09/828,246

INVENTOR: Grouell, William L., San Ramon, California

ASSIGNEE-AT-ISSUE: Sun Microsystems, Inc., Mountain View, California (02)

APPL-NO: 883,847

FILED: Jun. 27, 1997

INT-CL: [6] H05K 7#20

US-CL: 361#690; 165#80.2; 165#80.3; 174#16.3; 361#704; 361#714; 361#715;

CL: 361;165;174;

SEARCH-FLD: 361#687, 690, 692, 704, 709, 710, 711; 174#16.3, 16.1; 165#80.2, 80.3

REF-CITED:

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4,754,101	6/1988	*	Stickney et al.	361#818
5,016,139	5/1991	*	Stopa et al.	361#386
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5,253,133	10/1993	*	Guo	360#97.01
5,311,928	5/1994	*	Marton	165#80.3
5,625,229	4/1997	*	Kojima et al.	361#697

FOREIGN PATENT DOCUMENTS

Federal Republic of

29601645U1 3/1996 * Germany

PRIM-EXMR: Picaro, Leo P.

ASST-EXMR: Chervinsky, Boris L.

LEGAL-REP: Caplan; Julian

Flehr Hohbach Test Albritton & Herbert LLP

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20sep01 11:03:00 User259284 Session D1348.2
File 345:Inpadoc/Fam. & Legal Stat 1968-2001/UD=200135
       (c) 2001 EPO
              1 PN="US 5892655"
? t s1/39/1
1/39/1
DIALOG(R) File 345: Inpadoc/Fam. & Legal Stat
(c) 2001 EPO. All rts. reserv.
14849429
Basic Patent (No, Kind, Date): EP 887726 Al 19981230 < No. of Patents: 005>
Patent Family:
                                 Applic No
                                            Kind Date
    Patent No
                Kind Date
                   C0
                       20010329
                                   DE 69800533
    DE 69800533
                                                       19980625
                                    EP 98305004
    EP 887726
                   A1 19981230
                                                   Α
                                                       19980625
                                                                  (BASIC)
                                   EP 98305004
JP 98182241
    EP 887726
                   В1
                       20010221
                                                   Α
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    JP 11073755
                   A2 19990316
                                                  A 19980629
                                                  Α
   US 5892655
                   Α
                       19990406
                                    US 883847
                                                       19970627
Priority Data (No, Kind, Date):
    US 883847 A 19970627
PATENT FAMILY:
GERMANY (DE)
  Patent (No, Kind, Date): DE 69800533 CO
                                          20010329
    HITZESCHILD FUER FESTPLATTENLAUFWERK (German)
    Patent Assignee: SUN MICROSYSTEMS INC (US)
    Author (Inventor): GROUELL WILLIAM L
    Priority (No, Kind, Date): US 883847 A
                                            19970627
    Applic (No, Kind, Date): DE 69800533 A
                                            19980625
    IPC: * G06F-001/20; H05K-007/20
    Derwent WPI Acc No: * G 99-048106
    Language of Document: German
GERMANY (DE)
 Legal Status (No, Type, Date, Code, Text):
    DE 69800533 P 20010329 DE REF
                                              CORRESPONDS TO (ENTSPRICHT)
                              EP 887726 P
                                            20010329
EUROPEAN PATENT OFFICE (EP)
  Patent (No, Kind, Date): EP 887726 A1
                                        19981230
    HARD DISK DRIVE HEAT SHIELD (English; French; German)
    Patent Assignee: SUN MICROSYSTEMS INC
                                            (US)
    Author (Inventor): GROUELL WILLIAM L
    Priority (No, Kind, Date): US 883847 A
                                            19970627
    Applic (No, Kind, Date): EP 98305004 A
    Designated States: (National) DE; FR; GB; IT; NL; SE
    IPC: * G06F-001/20; H05K-007/20
    Derwent WPI Acc No: * G 99-048106; G 99-048106
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Language of Document: English

Patent (No, Kind, Date): EP 887726 B1 20010221 HARD DISK DRIVE HEAT SHIELD (English; French; German) Patent Assignee: SUN MICROSYSTEMS INC Author (Inventor): GROUELL WILLIAM L (US) Priority (No, Kind, Date): US 883847 A 19970627 Applic (No, Kind, Date): EP 98305004 A 19980625 Designated States: (National) DE; FR; GB; IT; NL; SE IPC: * G06F-001/20; H05K-007/20 Derwent WPI Acc No: * G 99-048106 Language of Document: English EUROPEAN PATENT OFFICE (EP) Legal Status (No, Type, Date, Code, Text): Р 19970627 EP AA PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG)) APPLICATION) US 883847 A 19970627 EP 887726 Р 19980625 EP AE **EP-APPLICATION** (EUROPAEISCHE ANMELDUNG) EP 98305004 A 19980625 19981230 EP AK P EP 887726 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB IT NL SE EP 887726 Ρ 19981230 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL; LT; LV; MK; RO; SI EP 887726 Р 19981230 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) EP 887726 Р 19990707 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19990510 EP 887726 Ρ 19990908 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB IT NL SE EP 887726 Р 20000524 EP 170 FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000410 Р EP 887726 20010221 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE **VERTRAGSSTAATEN**) DE FR GB IT NL SE EP 887726 Ρ 20010221 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) Ρ 20010329 EP REF CORRESPONDS TO: EP 887726 (ENTSPRICHT) DE 69800533 P 20010329 Р EP 887726 20010406 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) JAPAN (JP) Patent (No, Kind, Date): JP 11073755 A2 19990316

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HEAT SINK FOR HARD DISK DRIVE (English)
    Patent Assignee: SUN MICROSYSTEMS INC
    Author (Inventor): GROUELL WILLIAM L
    Priority (No, Kind, Date): US 883847 A
                                            19970627
    Applic (No, Kind, Date): JP 98182241 A
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    IPC: * G11B-025/04; G11B-033/14
    Derwent WPI Acc No: * G 99-048106
    Language of Document: Japanese
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 5892655 A
                                          19990406
    HARD DISK DRIVE HEAT SINK (English)
    Patent Assignee: SUN MICROSYSTEMS INC
    Author (Inventor): GROUELL WILLIAM L
    Priority (No, Kind, Date): US 883847 A
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    Applic (No, Kind, Date): US 883847 A
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    Derwent WPI Acc No: * G 99-048106
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UNITED STATES OF AMERICA (US)
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                       19970627 US AE
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                              US 883847 A 19970627
    US 5892655
                       19971208
                                US ASO2
                                              ASSIGNMENT OF ASSIGNOR'S
                              INTEREST
                              SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD,
                              PALO1-521 PALO ALTO, CALIFORNIA 943;
                              GROUELL, WILLIAM L.: 19971201
   US 5892655
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                              20010406
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Search statement 1

?nbr /pn us5892655

1	1	US5891459
2	1	US5891922
3	2	US5892325
4	1	US5892509
5	1	US5892554
6	2	US5892825
7	1	US5892876
8	1	US5892914

?/pn 5892655

Term not in index/PN : 5892655

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Search statement 1

?/pn 5892655

** SS 1: Results 1

Search statement 2

?prt fu

1/1 PAST - (C) PAST

AN - 200128-001164

PN - 5892655 A [US5892655]

DT - A (UTILITY)

OG - 2001-07-10

CO - REA

ACT - REISSUE APPLICATION FILED

SH - REISSUE APPLICATION FILED

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Selected file: LGST
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 AP - US 883847/97 19970627 [1997US-0883847]
 DT - US-P
 ACT - 19970627 US/AE-A
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      - 19971208 US/AS02
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        SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD, PALO1-521 PALO ALTO,
       CALIFORNIA 943 * GROUELL, WILLIAM L. : 19971201
      - 19990406 US/A
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      - 20010710 US/RF
       REISSUE APPLICATION FILED
       20010406
 UP - 2001-29
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Selected file: CRXX

CRXX (CLAIMS Current Legal Status)

Legal Status actions current thru September 11, 2001 (2001-37/UP)

Reassignment data current as of August 5, 2001.

For info on technical content on this file, enter: INFO CRXX

Search statement 1

?/pn 5892655

** SS 1: Results 1

Search statement 2

?prt fu

1/1 CRXX - (C) CLAIMS/RRX

AN - 3134668

PN - 5,892,655 A 19990406 [US5892655]

PT - E (Electrical)

PA - Sun Microsystems Inc

ACT - 20010406 REISSUE REQUESTED ISSUE DATE OF O.G.: 20010710

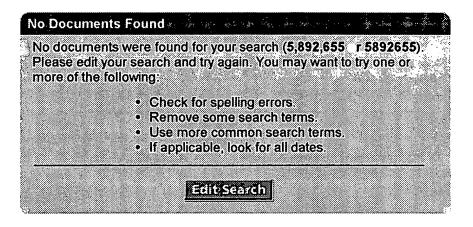
REISSUE REQUEST NUMBER: 09/828246

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2835

Reissue Patent Number:

UP - 2001-28

UACT- 2001-07-10



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inter Search Terms Terms and Connectors O Natural Language		
5,892,655 or 5892655		Search
	₽	
ise connectors to show relation of terms (cat or feline, jane w/3 doe) more.		
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Restrict Search Using Document Segments		
Optional: Restrict by Date		
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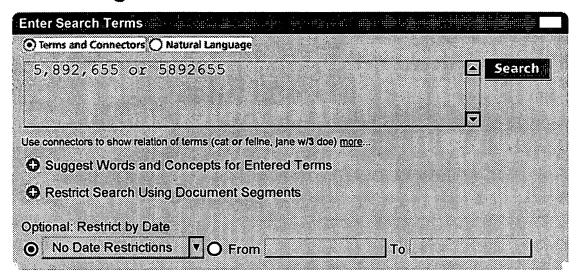
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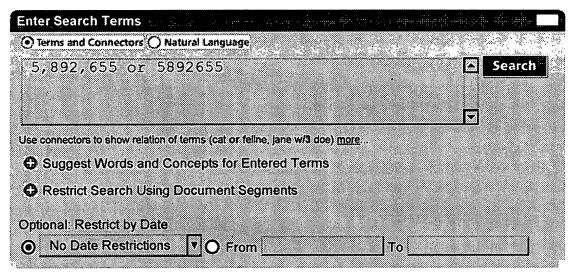
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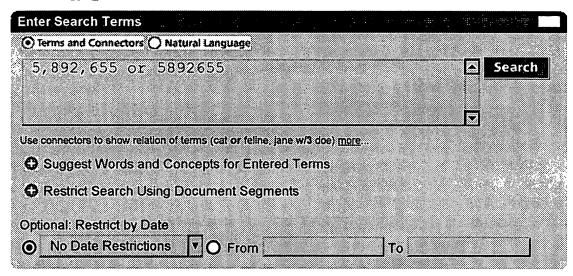
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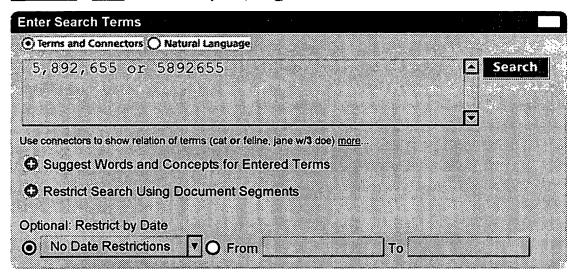
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